

Fig. 1

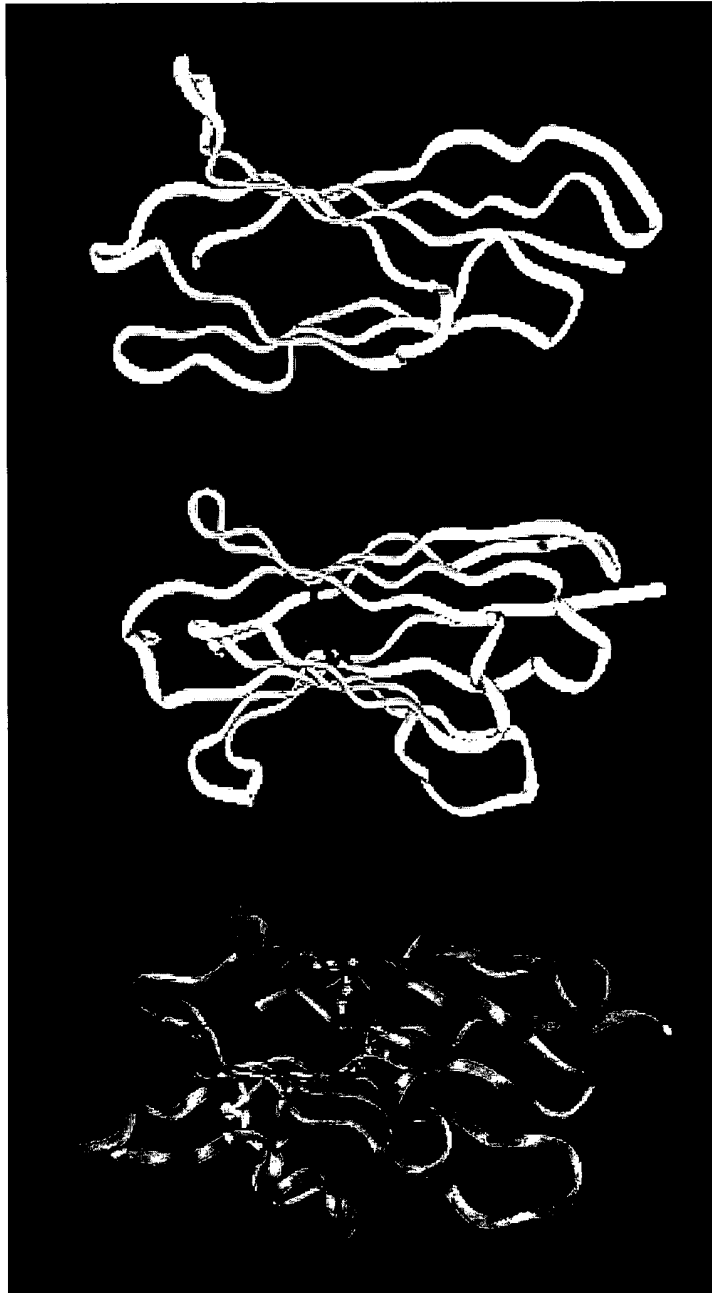


Fig. 2

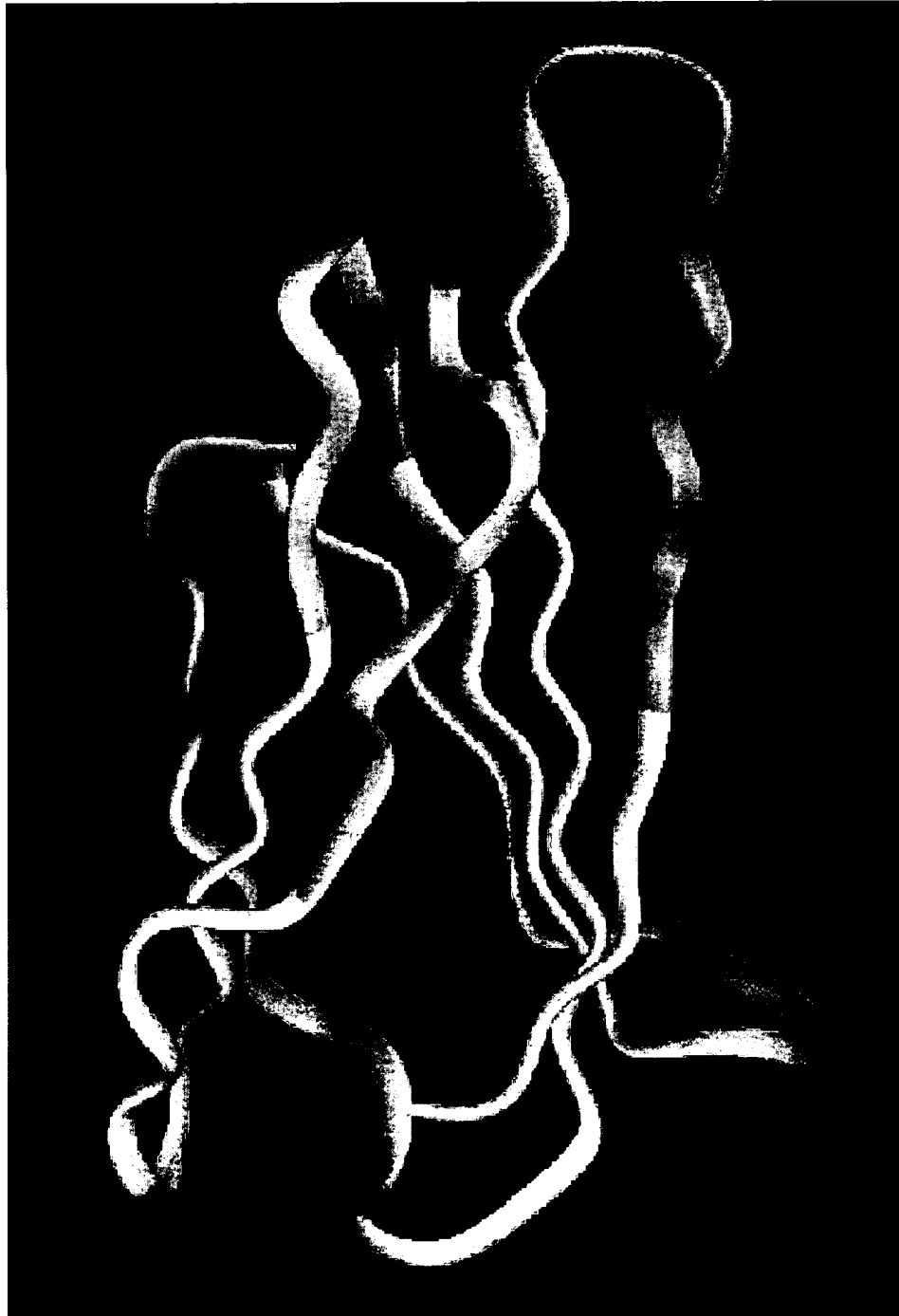


Fig. 3

Hs FND	1	9	10	19	20	29	30	37	38	47	48	57	58	67	68	77	78	87	88	94
Bt FN	VSDVPRD-LE	VIAATPTSLL	ISWDAPAVTV	RYRITYG--	ETGGSNPVQE	FTVPQSKSTA	TISGLKPGVD	YTITVYAVTG	RGDSPASSKP	ISINYRT	94									
Rn FN	VSDVPRD-LE	VIAATPTSLL	ISWDAPAVTV	RYRITYG--	ETGGSNPVQE	FTVPQSKSTA	TISGLKPGVD	YTITVYAVTG	RGDSPASSKP	VSINYRT	1510									
Mm FN	VSDVPRD-LE	VIASTPTSLL	ISWEPNAVSV	RYRITYG--	ETGGSNPVQE	FTVPQSKSTA	TINAIKPGAD	YTITVYAVTG	RGDSPASSKP	VSINYQT	1611									
Oc FN	VSDVPRD-LE	VIASTPTSLL	ISWEPNAVSV	RYRITYG--	ETGGSNPVQE	FTVPQSKSTA	TINAIKPGAD	YTITVYAVTG	RGDSPASSKP	VSINYKT	712									
Gg FN	VSDVPRD-LE	VIASTPTSLL	ISWEXPAVTV	RYRITYG--	ETpN----	-----	-----	-----	-----	-----	64									
Xl FN	VSDVPRD-LE	VNPtSPtSLE	ISWDAPAVTV	RYRITYG--	ETGGSNPVQE	FTVPGTMSrA	TITGLKPGVD	YTITVYAVTG	RGDSPASSKP	VTVYKYT	443									
Cf FN	AiDAPSn-Lr	FLATTPnSLL	ISWEAPAVSV	RYRITYS--	QTGGHPEKE	FTVPGTSNtA	TIRGLNPgVS	YTITVYAVTG	RGDSPASSKP	LTIHKT	1611									
Ec FN	AiDAPSn-Lh	FLATTPnSLL	ISWQpPrArI	TGYIKYe--	kpGSpPrEVV	prprPgVTeA	TITGLEPGTE	YTIQVIAIKn	NQKSePLIGr	kKtDEL-	197									
Hs TC	VS-PPKD-Lv	VTeVTeetVN	LAWDn-eMrV	TGYLVVYTP-	-THEGGLEMQ	FrVPGDQTST	IIQeLePGVE	YTIQVIAIKn	NQKSePLIGr	rKtDEp-	197									
Ss TP	VS-PPKD-Li	VTeVTeetVN	LAWDn-eMrV	TeYLVVYTP-	-THEGGLEMQ	FrVPGDQTST	TIRELePGVE	YFIRVFAILE	NKKSipVSAR	V-----	686									
Mm TX	MidGPQD-Lr	VWAVTPTLD	LSWlRPQAEV	DrFVTSYV--	--SAGNqRvr	LeVPPeADrT	QLTDLMPGVE	YFIRVFAILE	NKKSipVSAR	V-----	686									
Hs CAP	TlpVPvvsLn	IYdVGPtTMH	VQWQp-VGGA	TGYILSYKpV	kDTEPrpKE	VrLGPTVNDM	QLTDLVPNTE	YAVTVQAVLh	HAVSypASir	ANTG----	889									
Oc C12	TlpVPvvsLn	IYdVGPtTMH	VQWQp-VGGA	TGYILSYKpV	kDTEPrpKp	QdVLRdVTH	-----	-----	-----	-----	1551									
Gg C14	LalpmaSDlk	LYdVShSSMR	AKWng-VAGA	TGYMILYAPL	TEGLAADEKE	IkIGeASTeL	ELDGLLPNTE	YTVTYVAMF-	-----	-----	322									
Hs U1	LalpmaSDll	LYdVTenSMR	VKWDA-VpGA	SGYLILYAPL	TEGLAGDEKE	MkIGETHtDI	ELSGLLPNTE	YTVTYVAMFG	eeASDpVTGq	e-----	508									
											321									

var.

cons.	P	L	V	SL	W	V	Y	I	Y	I	L	PGVD	Y	ITV	A	G	S	P
	M	I	I	TV		A	F	V			L	I	NTE	VQL	N	R		
		L	L	M		I			L			AS	R	R	E			
			F															

CAP	Collagen alpha precursor	BOLD	identical to Hs FND
C12	Collagen type 12	lower case	non-conservative substitution (charge reversal, change between hydrophobic and charged, addition or removal of P) position of non-conservative substitutions
FND	Fibronectin type III domain		
FN	Fibronectin		
TP	Tenascin precursor		
TC	Tenascin-C		
U1	Undulin 1		

Bt	Bovis taurus	cow
Cf	Canis familiaris	dog
Ec	Equus caballus	horse
Ss	Sus scrofa	pig
Hs	Homo sapiens	human
Oc	Oryctolagus cuniculus	rabbit
Xl	Xenopus laevis	African clawed frog

Fig. 4

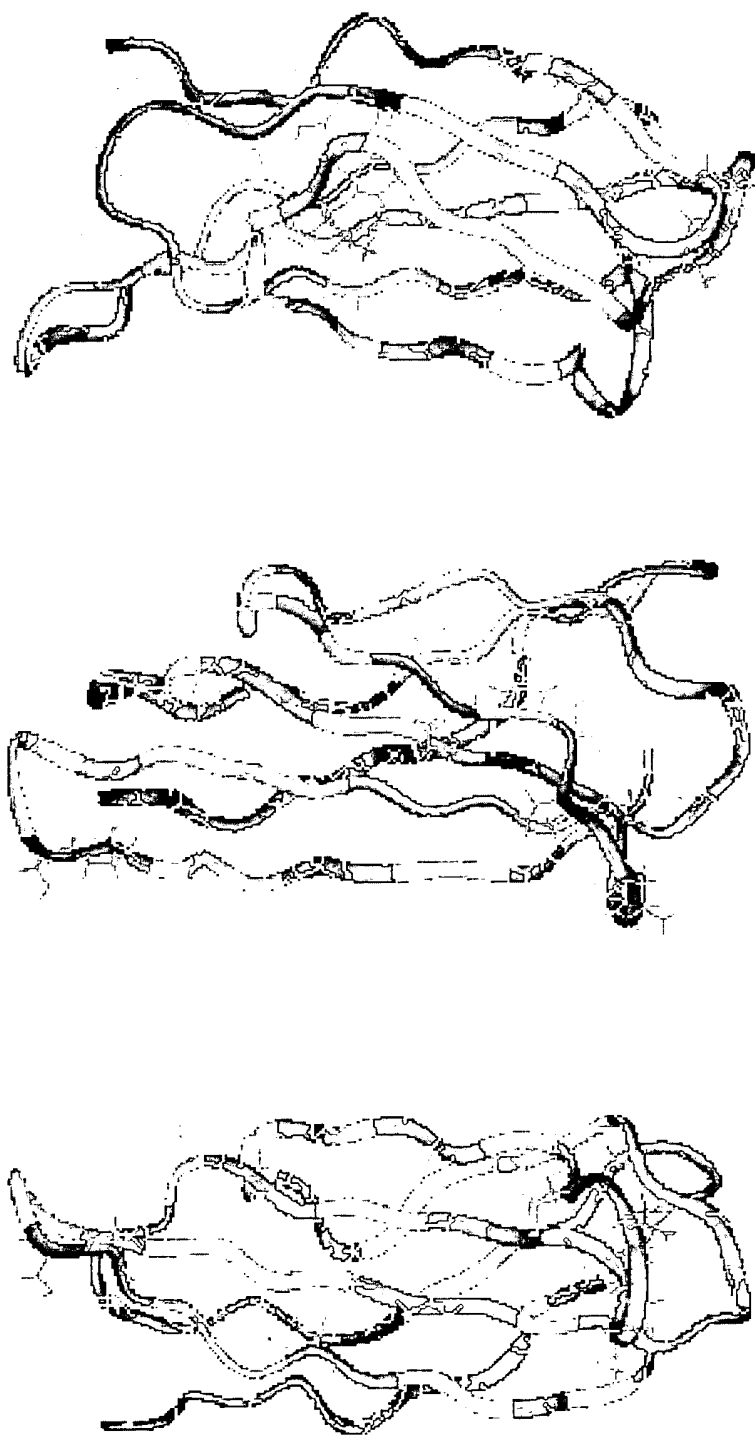


Fig. 5

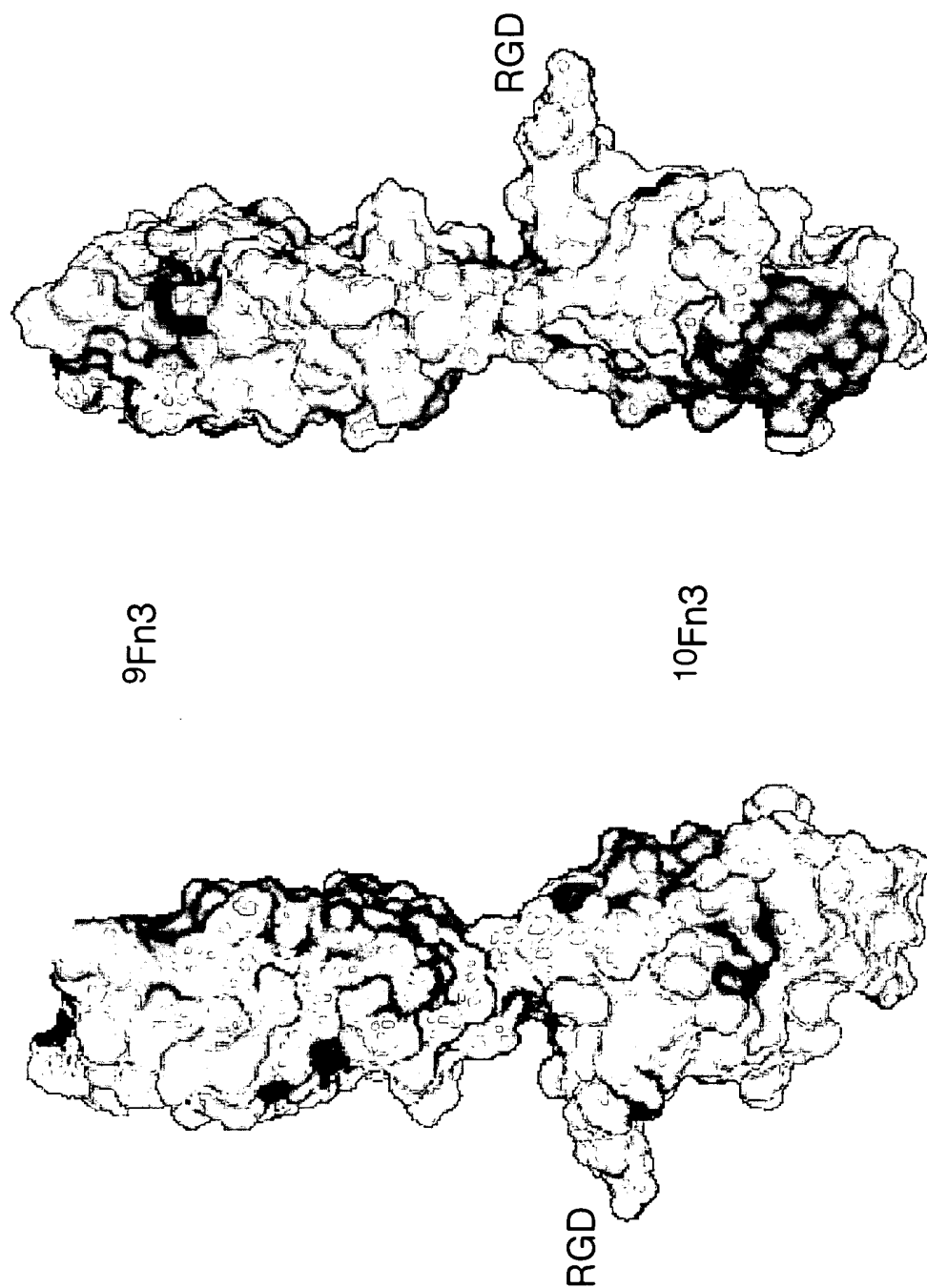


Fig. 6

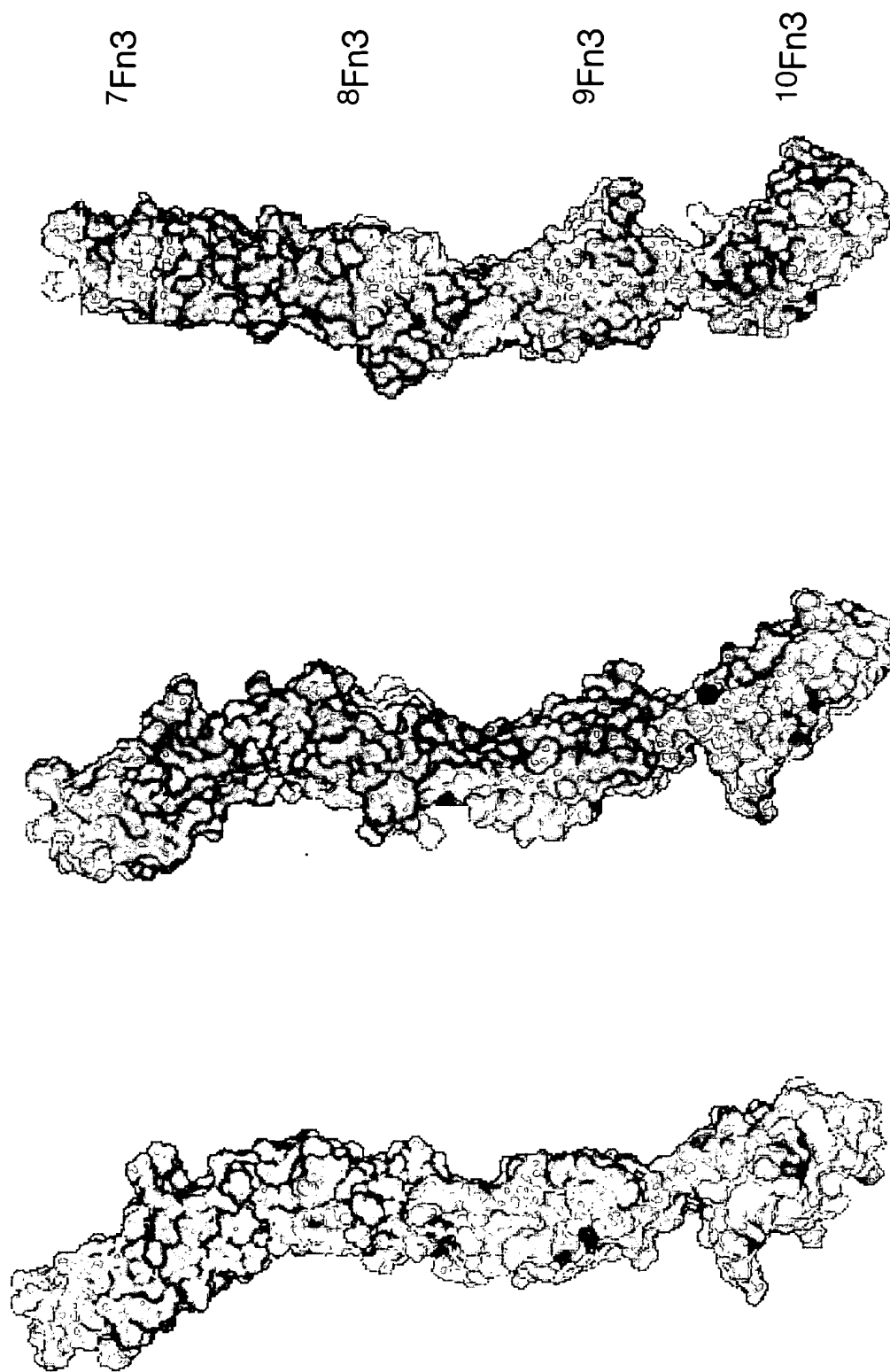


Fig. 7

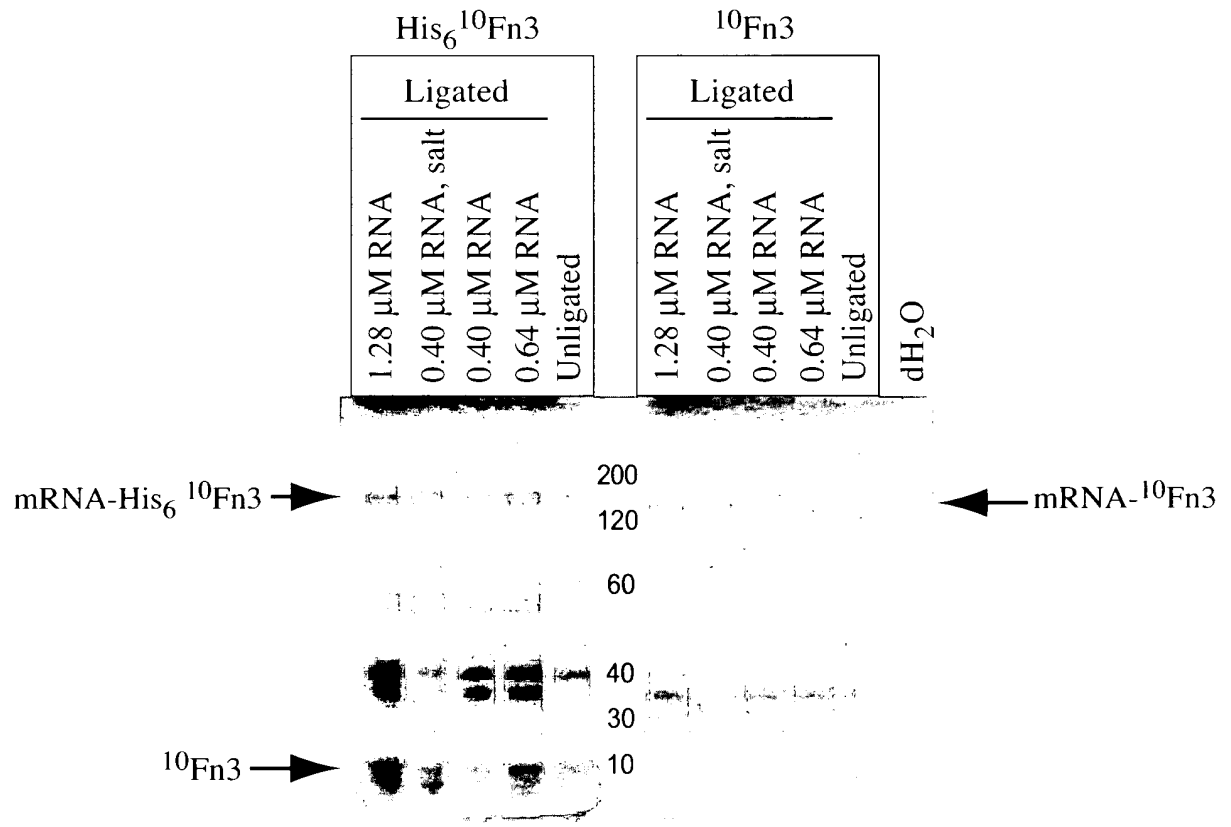


Fig. 8

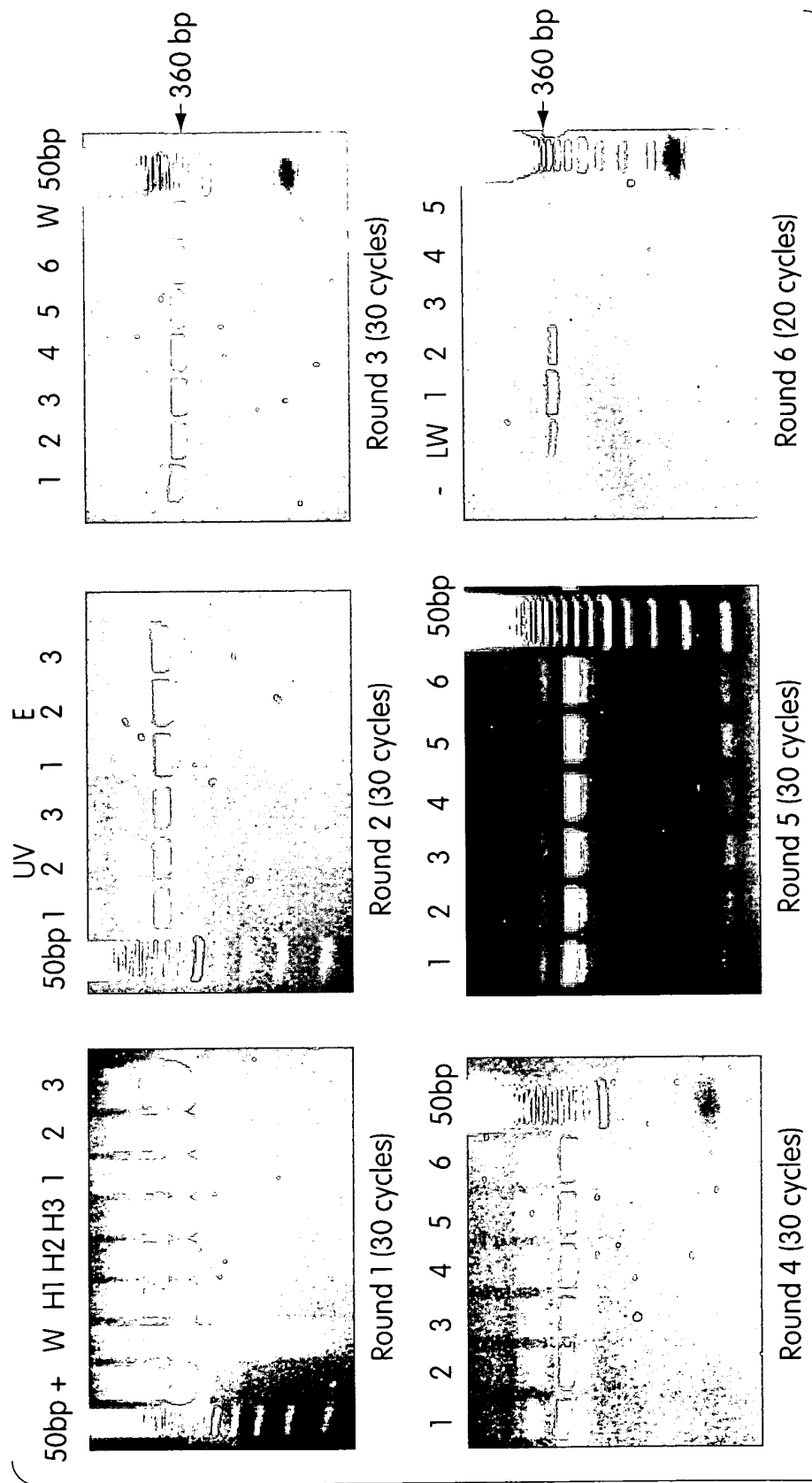


Fig. 9

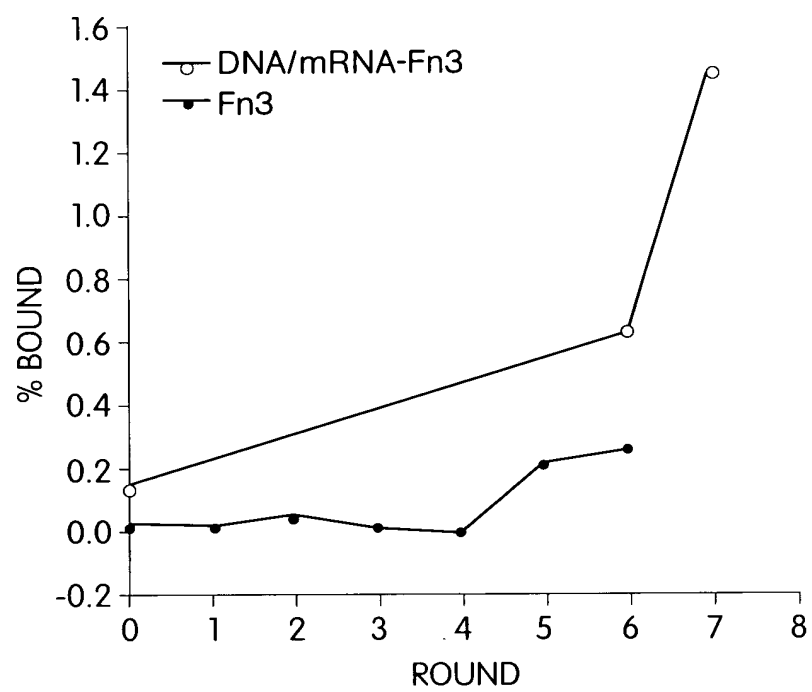


Fig. 10

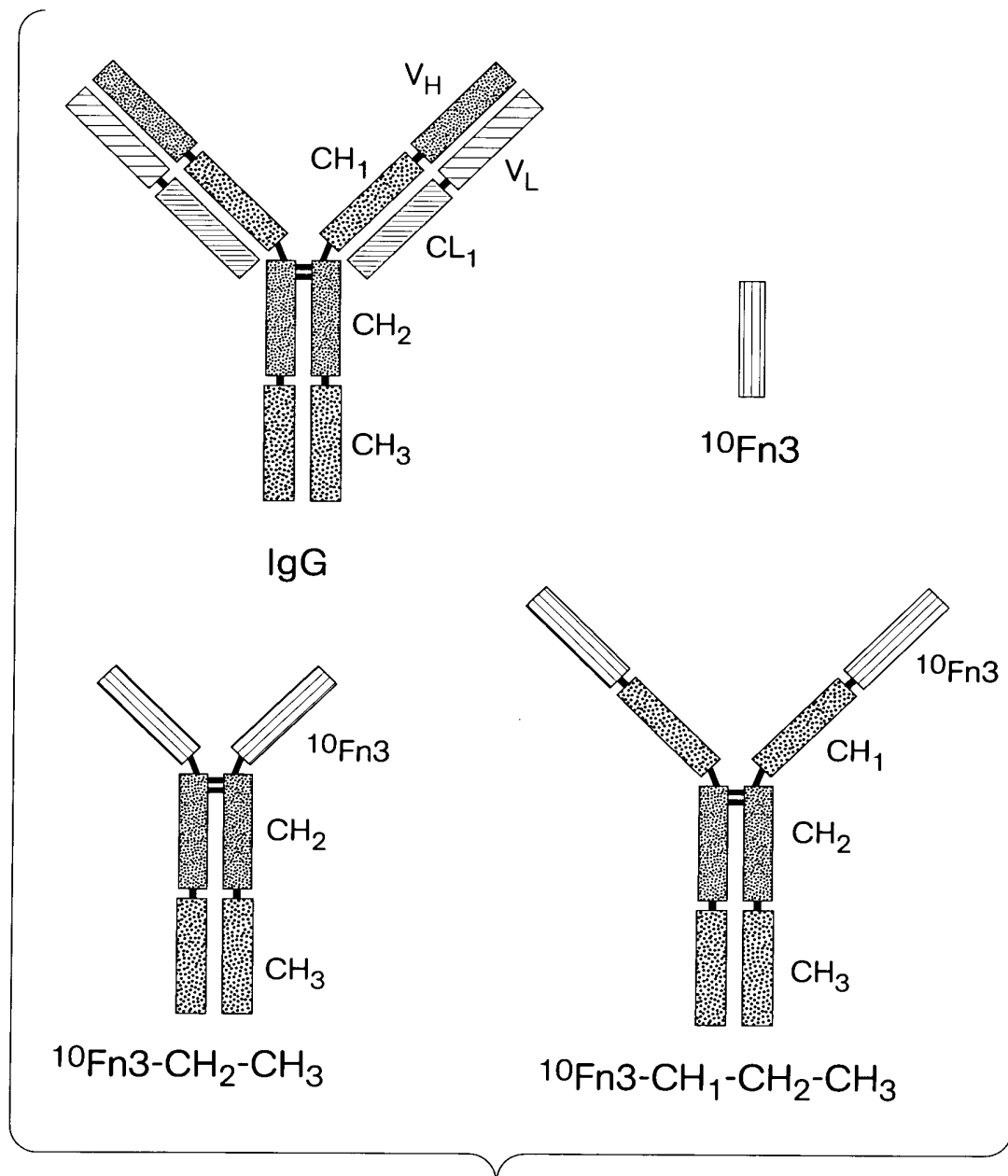


Fig. 11

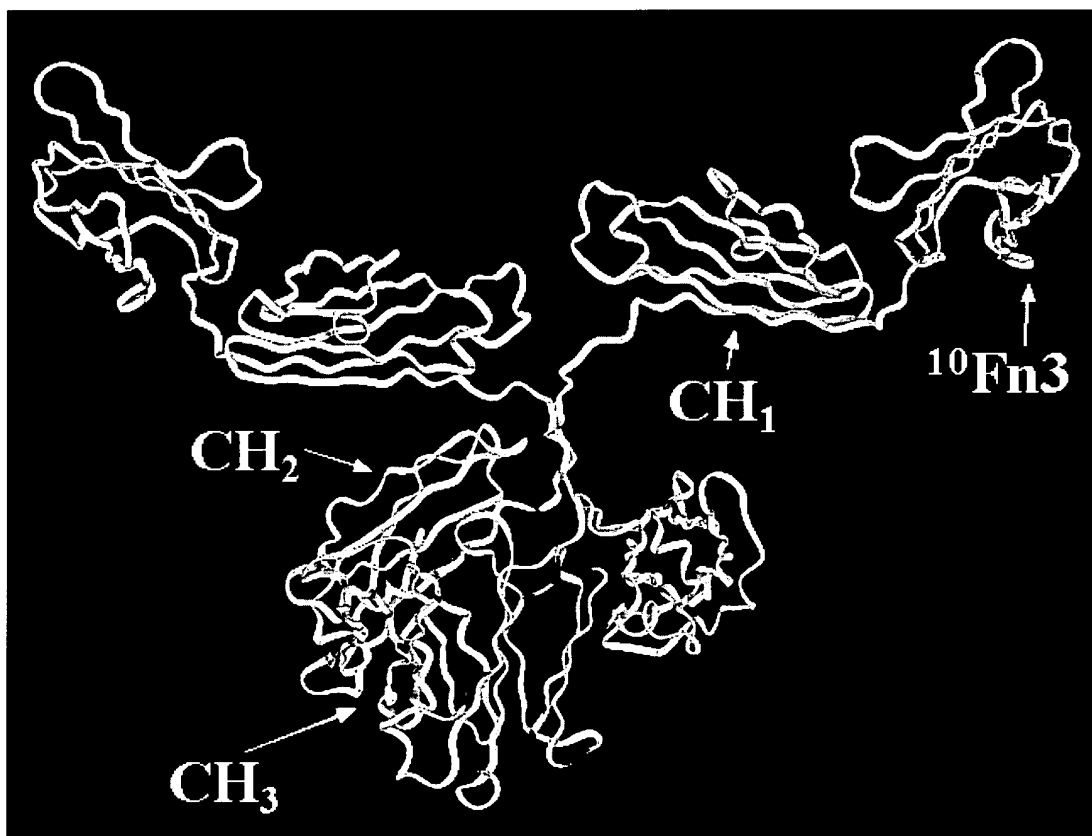
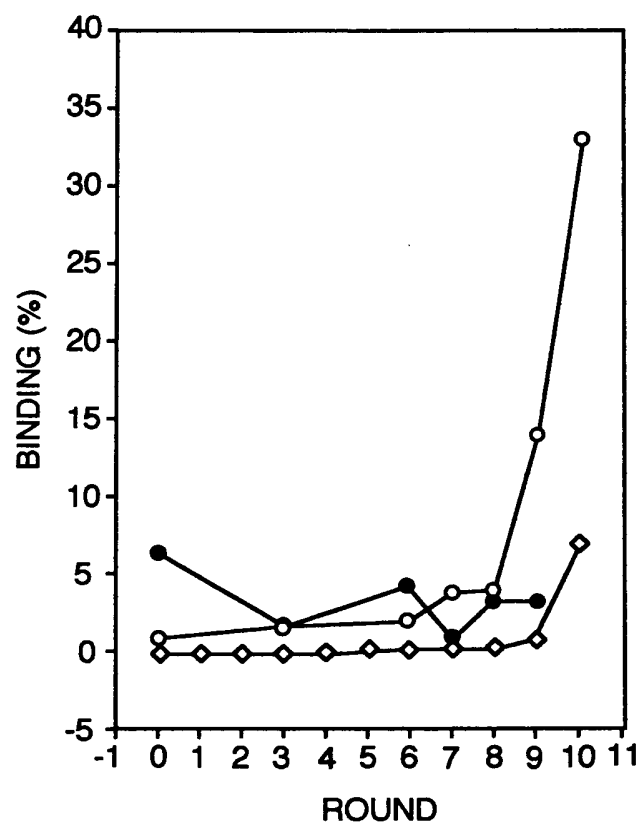


Fig. 12

FIG. 13



14/15

FIG. 14

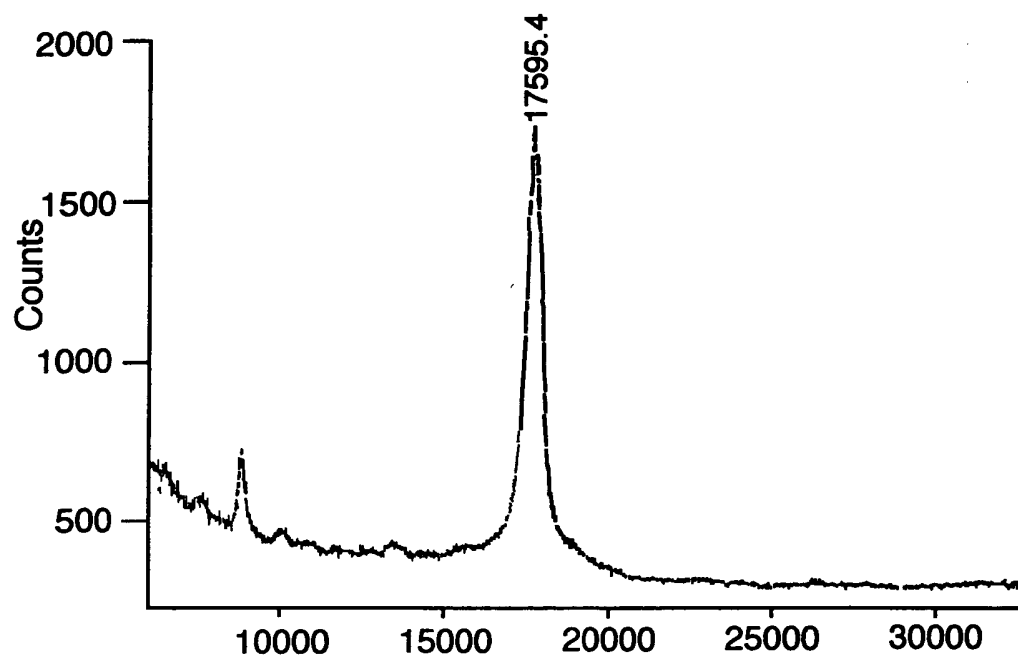


FIG. 15

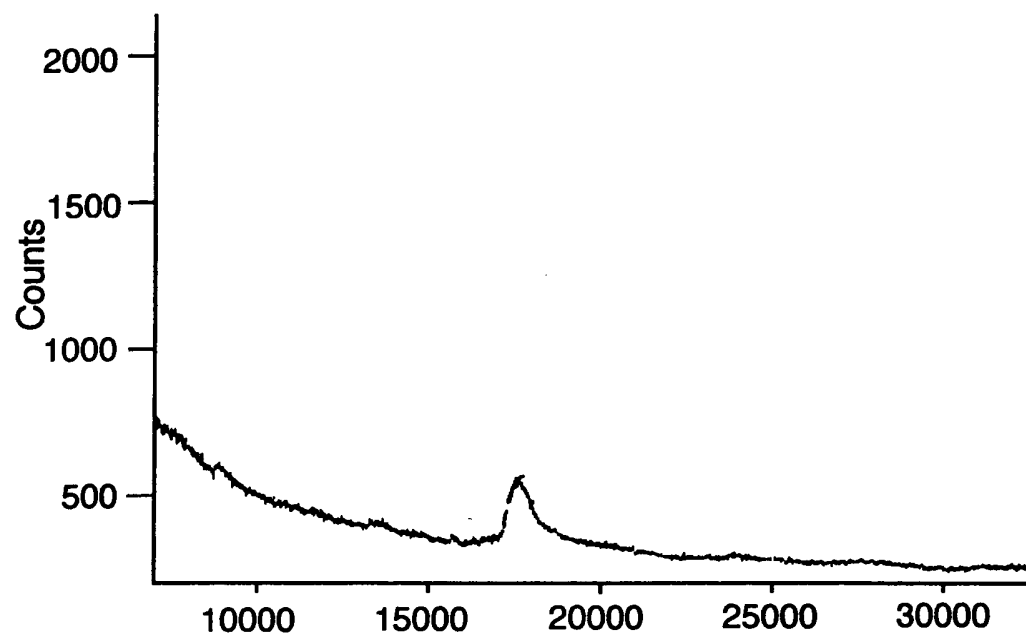


FIG. 16

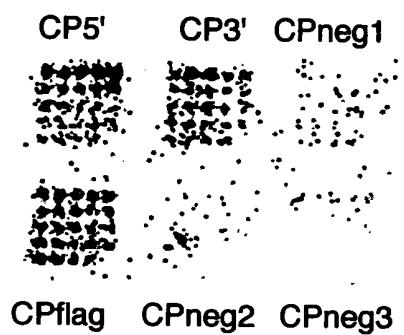


FIG. 17

